Name of Work : Construction of RCC Drain & RCC Culverts, near OM Circle main roads and surrounding area at Kattigenahalli Village in Ward No.05

PRE MEASUREMENTS

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. 05/05/2020 to 18/05/2020						
	For RCC drain						
	OM Circle						
	2nd cross from main road						
	LHS	1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	25.50	1.10	1.00	28.05	
	RHS						
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	25.50	1.10	1.00	28.05	
	3rd cross from main road						
	RHS	1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	23.50	1.10	1.00	25.85	
		1	30.00	1.10	1.00	33.00	
		1	1.50	1.10	1.00	1.65	
		1	18.70	1.10	1.00	20.57	
	LHS						
		1	13.00	1.10	1.00	14.30	
		1	25.00	1.10	1.00	27.50	
		1	30.00	1.10	1.00	33.00	
		1	12.00	1.10	1.00	13.20	
	Right side Cross road-4 from 3rd cross						
	LHS	1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	24.00	1.10	1.00	26.40	
	Left side Cross road-3 from 3rd cross						
	RHS	1	30.00	1.10	1.00	33.00	
		1	13.00	1.10	1.00	14.30	
	For RCC Culvert						
	RHS Culverts from 3rd cross						
	Culvert at Cross1	1	6.20	1.70	0.90	9.49	
	Culvert at Cross2	1	5.20	1.70	0.90	7.96	
	Culvert at Cross3	1	7.80	1.70	0.90	11.93	
	Culvert at Cross4	1	7.70	1.70	0.90	11.78	

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	5.70	1.70	0.90	8.72	
	LHS Culverts from 3rd cross						
	Culvert at Cross1	1	5.60	1.70	0.90	8.57	
	Culvert at Cross3	1	6.00	1.70	0.90	9.18	
	Doddamma devi temple opposite	1	5.00	1.70	0.90	7.65	
					Present Qty	**671.15**	**Cum**

18/05/2020
Assistant Engineer
Ward No.05

20.05.20 18/5/2020
Asst. Executive Engineer,
Byatarayanapura Sub division

1	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. 20/05/2020 to 30/05/2020						
	For RCC drain						
	OM Circle						
	2nd cross from main road						
	LHS	1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	25.50	1.10	0.15	4.21	
	RHS						
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	25.50	1.10	0.15	4.21	
	3rd cross from main road						
	RHS	1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	23.50	1.10	0.15	3.88	
		1	30.00	1.10	0.15	4.95	
		1	1.50	1.10	0.15	0.25	
		1	18.70	1.10	0.15	3.09	
	LHS	1	13.00	1.10	0.15	2.15	
		1	25.00	1.10	0.15	4.13	
		1	30.00	1.10	0.15	4.95	
		1	12.00	1.10	0.15	1.58	
	Right side Cross road-4 from 3rd cross						
	LHS	1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	24.00	1.10	0.15	3.96	

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Left side Cross road-3 from 3rd cross						
	RHS						
		1	30.00	1.10	0.15	4.95	
		1	13.00	1.10	0.10	1.43	
	For RCC Culvert						
	RHS Culverts from 3rd cross						
	Culvert at Cross1	1	6.20	1.70	0.15	1.58	
	Culvert at Cross2	1	5.20	1.70	0.15	1.33	
	Culvert at Cross3	1	7.80	1.70	0.15	1.99	
	Culvert at Cross4	1	7.70	1.70	0.15	1.96	
		1	5.70	1.70	0.15	1.45	
	LHS Culverts from 3rd cross						
	Culvert at Cross1	1	5.60	1.70	0.15	1.43	
	Culvert at Cross3	1	6.00	1.70	0.15	1.53	
	Doddamma devi temple opposite	1	5.00	1.70	0.15	1.28	
					Present Qty	100.82	Cum

15/5/2020

Assistant Engineer
Ward No.05

15/5/2020

Asst. Executive Engineer,
Byatarayanapura Sub division

4	Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications. 01/06/2020 to 15/06/2020						
	OM Circle	**No's**	**Length**		**Kg/Mtr**	**Qty**	
	2nd cross						
	RHS						
	Total Drain length=60.00Mtr						
	Main bar 10mm dia bar @ 125mm c/c						
	0.61kg/mtr						
		480	2.30		0.62	684.48	
	Distribution bar 10mm dia @ 125mm c/c						
	0.61kg/mtr	18	60.00		0.62	684.48	
	Total Drain length=25.50Mtr						
	Main bar 10mm dia bar @ 125mm c/c						
	0.61kg/mtr						
		204	2.30		0.62	290.90	
	Distribution bar 10mm dia @ 125mm c/c						
	0.61kg/mtr	18	25.50		0.62	290.90	
	LHS						
	Total Drain length=60.00Mtr						
	Main bar 10mm dia bar @ 125mm c/c						
	0.61kg/mtr						
		480	2.30		0.62	684.48	

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Distribution bar 10mm dia @ 125mm c/c						
	0.61kg/mtr	18	60.00		0.62	684.48	
	Total Drain length=25.50Mtr						
	Main bar 10mm dia bar @ 125mm c/c						
	0.61kg/mtr						
		204	2.30		0.62	290.90	
	Distribution bar 10mm dia @ 125mm c/c						
	0.61kg/mtr	18	25.50		0.62	290.90	
	3rd cross						
	RHS						
	Total Drain length=60.00Mtr						
	Main bar 10mm dia bar @ 125mm c/c						
	0.61kg/mtr						
		480	2.30		0.62	684.48	
	Distribution bar 10mm dia @ 125mm c/c						
	0.61kg/mtr	18	60.00		0.62	684.48	
	Total Drain length=23.50Mtr						
	Main bar 10mm dia bar @ 125mm c/c						
	0.61kg/mtr						
		188	2.30		0.62	268.09	
	Distribution bar 10mm dia @ 125mm c/c						
	0.61kg/mtr	18	23.50		0.62	268.09	
	Total Drain length=31.50Mtr						
	Main bar 10mm dia bar @ 125mm c/c						
	0.61kg/mtr						
		252	2.30		0.62	359.35	
	Distribution bar 10mm dia @ 125mm c/c						
	0.61kg/mtr	18	31.50		0.62	359.35	
	Total Drain length=18.70Mtr						
	Main bar 10mm dia bar @ 125mm c/c						
	0.61kg/mtr						
		150	2.30		0.62	213.33	
	Distribution bar 10mm dia @ 125mm c/c						
	0.61kg/mtr	18	18.70		0.62	213.33	
	LHS						
	Total Drain length=13.00Mtr						
	Main bar 10mm dia bar @ 125mm c/c						
	0.61kg/mtr						
		104	2.30		0.62	148.30	
	Distribution bar 10mm dia @ 125mm c/c						
	0.61kg/mtr	20	13.00		0.62	161.20	
	Total Drain length=25.00Mtr						
	Main bar 10mm dia bar @ 125mm c/c						
	0.61kg/mtr						
		200	2.30		0.62	285.20	
	Distribution bar 10mm dia @ 125mm c/c						
	0.61kg/mtr	20	25.00		0.62	310.00	

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1/6/20 to 15/06/2020

Item No	Discription of Item	No	Length	Breadth	Depth.	Qty	Unit
	Total Drain length=42.00Mtr						
	Main bar 10mm dia bar @ 125mm c/c						
	0.61kg/mtr						
		336	2.30		0.62	479.14	
	Distribution bar 10mm dia @ 125mm c/c						
	0.61kg/mtr	20	42.00		0.62	520.80	
	Cross road-4						
	LHS						
	Total Drain length=90.00Mtr						
	Main bar 10mm dia bar @ 125mm c/c						
	0.61kg/mtr						
		720	2.30		0.62	1026.72	
	Distribution bar 10mm dia @ 125mm c/c						
	0.61kg/mtr	20	90.00		0.62	1116.00	
	Total Drain length=24.00Mtr						
	Main bar 10mm dia bar @ 125mm c/c						
	0.61kg/mtr						
		192	2.30		0.62	273.79	
	Distribution bar 10mm dia @ 125mm c/c						
	0.61kg/mtr	20	24.00		0.62	297.60	
	Cross road-3						
	LHS						
	Total Drain length=43.00Mtr						
	Main bar 10mm dia bar @ 125mm c/c						
	0.61kg/mtr						
		344	2.30		0.62	490.54	
	Distribution bar 10mm dia @ 125mm c/c						
	0.61kg/mtr	20	43.00		0.62	533.20	
	For RCC Culvert						
	RHS Culverts from 3rd cross						
	Culvert at Cross1						
	Total Drain length=6.20m						
	Main bar 12mm dia bar @ 125mm c/c						
	0.89kg/mtr						
	Top	50	2.70		0.89	119.19	
	Bottom	50	2.70		0.89	119.19	
	Distribution bar						
	Distribution bar 10mm dia @ 150mm c/c						
	0.61kg/mtr Top	18	6.20		0.62	69.19	
	Bottom	18	6.20		0.62	69.19	
	Culvert at Cross2						
	Total Drain length=5.20m						
	Main bar 12mm dia bar @ 150mm c/c						
	0.89kg/mtr						
	Top	40	2.70		0.89	96.12	
	Bottom	40	2.70		0.89	96.12	

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Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	Distribution bar							
	Distribution bar 10mm dia @ 150mm c/c							
	0.61kg/mtr	Top	18	5.20		0.62	58.03	
		Bottom	18	5.20		0.62	58.03	
	Culvert at Cross3							
	Total Drain length=7.80m							
	Main bar 12mm dia bar @ 125mm c/c							
	0.89kg/mtr							
		Top	57	2.70		0.89	136.97	
		Bottom	57	2.70		0.89	136.97	
	Distribution bar							
	Distribution bar 10mm dia @ 150mm c/c							
	0.61kg/mtr	Top	18	7.80		0.62	87.05	
		Bottom	18	7.80		0.62	87.05	
	Culvert at Cross4							
	Total Drain length=7.70m							
	Main bar 12mm dia bar @ 125mm c/c							
	0.89kg/mtr							
		Top	62	2.70		0.89	148.02	
		Bottom	62	2.70		0.89	148.02	
	Distribution bar							
	Distribution bar 10mm dia @ 150mm c/c							
	0.61kg/mtr	Top	18	7.70		0.62	85.93	
		Bottom	18	7.70		0.62	85.93	
	Total Drain length=5.70m							
	Main bar 12mm dia bar @ 125mm c/c							
	0.89kg/mtr							
		Top	38	2.70		0.89	91.31	
		Bottom	38	2.70		0.89	91.31	
	Distribution bar							
	Distribution bar 10mm dia @ 150mm c/c							
	0.61kg/mtr	Top	18	5.70		0.62	63.61	
		Bottom	18	5.70		0.62	63.61	
	LHS Culverts from 3rd cross							
	Culvert at Cross1							
	Total Drain length=5.60m							
	Main bar 12mm dia bar @ 150mm c/c							
	0.89kg/mtr							
		Top	37	2.70		0.89	89.71	
		Bottom	37	2.70		0.89	89.71	
	Distribution bar							
	Distribution bar 10mm dia @ 150mm c/c							
	0.61kg/mtr	Top	18	5.60		0.62	62.50	
		Bottom	18	5.60		0.62	62.50	
	Culvert at Cross3							
	Total Drain length=6.00m							
	Main bar 12mm dia bar @ 150mm c/c							

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	0.89kg/mtr						
	Top	40	2.70		0.89	96.12	
	Bottom	40	2.70		0.89	96.12	
	Distribution bar						
	Distribution bar 10mm dia @ 150mm c/c						
	0.61kg/mtr Top	18	6.00		0.62	66.96	
	Bottom	18	6.00		0.62	66.96	
	Culvert at Doddamma devi temple						
	Total Drain length=5.00m						
	Main bar 12mm dia bar @ 150mm c/c						
	0.89kg/mtr						
	Top	33	2.70		0.89	80.10	
	Bottom	33	2.70		0.89	80.10	
	Distribution bar						
	Distribution bar 10mm dia @ 150mm c/c						
	0.61kg/mtr Top	18	5.00		0.62	55.80	
	Bottom	18	5.00		0.62	55.80	
					Present Qty	**15407.78**	**Kg**
					Present Qty	**15.40**	**Tonne**

15/06/2020

Assistant Engineer
Ward No.05
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Asst. Executive Engineer,
Byatarayanapura Sub division
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

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